



MIAMI TOWNSHIP FIRE & EMS CLERMONT COUNTY, OHIO *CARDIAC ARRHYTHMIA PROTOCOLS*



VENTRICULAR ECTOPY

Historical Findings

1. Age > 15.
2. Patient does not have a history of chronic benign PVC's.

Physical Findings

1. **No signs** of rate-related cardiovascular compromise:
 - A. Acute altered mental status.
 - B. Ongoing chest pain.
 - C. Severe shortness of breath.
 - D. Presyncope or syncope.
 - E. Systolic blood pressure ≤ 90 mm/Hg.

EKG Findings

1. Ventricular rate is greater than 60 beats/minute.
2. Multifocal PVC's, coupling, or R on T phenomenon.

Differential Diagnosis

1. Chronic benign PVC's.
2. PVC's secondary to hypoxia.
3. Bradycardia with ventricular escape beats.
4. Atrial fibrillation with aberrancy.

Protocol

1. Initiate contact; reassure, and explain procedures.
2. Assess and secure the patient's airway and provide oxygen per the airway, oxygen and ventilation protocol.
3. Perform patient assessment, obtain vital signs and begin cardiac monitoring.
4. Acquire a 12 Lead ECG and maintain cardiac monitoring at all times.



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5. Initiate IV access with a saline lock or 0.9 % normal saline KVO.
6. Contact medical command at receiving hospital for treatment plan and guidance on the use of antiarrhythmics.